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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME IV. No. 3 — McKEE PRINT — March, 1956

Production of crude oil and condensate from the oil and gas areas of Montana for the month of March, 1956, averaged 57,622 barrels daily, an increase of 3,216 barrels from the average February production of 54,406.

The nine refineries in the State processed 64,112 barrels of crude oil daily for the month of March, 1956, a decrease of 3,713 barrels daily from the 67,825 barrels processed daily during the month of February.

During March, 24 wells were completed, 13 oil, 0 gas wells and 11 dry holes.

During March, 1956, the Commission issued 27 permits to drill new wells, an increase of 6 from the 21 permits issued during February.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF MARCH, 1956

IN STORAGE MARCH 1st:	
By Producers	296,899
By Transporters	601,915
By Refiners	482,849
TOTAL STORAGE	1,381,663
Produced in Montana During Month	1,786,296
Imported During Month	1,220,154
TOTALS	4,388,113
DISPOSITION:	
Refined in Montana	1,987,495
Exported	1,013,910
Used for Fuel or Lost	19,345
TOTALS	3,020,750
IN STORAGE MARCH 1st:	
By Producers	289,876
By Transporters	576,594
By Refiners	500,893
TOTAL STORAGE	1,367,363

NATURAL GAS WITHDRAWALS IN MONTANA

Month of March, 1956

Field	M Cu. Ft.
Bears Den	1,635
Bowdoin	197,072
Bowes	84,496
Box Elder	0
Cedar Creek	466,318
Cut Bank (Includes Reagan)	1,471,493
Dry Creek	228,009
Elk Basin	30,444
Golden Dome	19,472
Hardin	5,721
Keith Block	42,604
Kevin-Sunburst	130,373
Utopia	45,562
Whitlash	181,719
Miscellaneous	22,043
TOTAL	2,926,961

Total Withdrawals for March, 1955, were 3,511,497 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF MARCH, 1956

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	1,074	3,000	.....	3,000	.....	1,074
....	Bannatyne	.....	397	.....	.....	.....	.....	397
9	Big Wall	27	5,467	23,484	.....	21,716	.....	7,235
3	Border	7	.....	1,195	.....	1,195	.....	.....
10	Bowes	74	4,036	30,442	30,830	.....	.....	3,648
....	Brady-Midway	.....	112	.....	.....	.....	112	.....
3	Bredette	3	4,217	14,053	15,662	.....	.....	2,608
2	Brorson	3	4,718	5,575	7,690	.....	.....	2,603
1	Cabin Creek	20	5,181	120,829	118,602	.....	2,570	4,838
28	Cat Creek	88	4,597	13,716	14,062	.....	.....	4,251
2	Clark's Fork	2	818	6,714	.....	6,601	.....	931
2	Cupton	2	1,070	2,727	2,255	.....	9	1,533
324	Cut Bank	1,087	124,612	231,307	232,905	.....	.....	123,014
3	Deer Creek	3	1,911	14,818	14,315	.....	.....	2,414
....	Devil's Basin	....	757	.....	.....	.....	.....	757
6	Dry Creek	6	1,534	13,173	13,074	.....	.....	1,633
20	Elk Basin	58	11,546	153,609	156,863	.....	.....	8,292
3	Fertile Prairie	4	1,859	2,805	.....	3,292	.....	1,372
2	Frannie	2	356	1,182	1,345	.....	.....	193
1	Gage	1	1,001	2	.....	419	.....	584
2	Gas City	5	2,095	17,356	14,863	.....	1,064	3,524
6	Glendive	12	3,448	48,161	45,224	.....	.....	6,385
....	Golden Dome	....	609	.....	.....	.....	.....	609
1	Ivanhoe	2	611	2,274	.....	2,206	.....	679
192	Kevin-Sunburst	1,352	18,020	82,044	85,179	.....	.....	14,885
2	Lake Basin	2	1,023	482	.....	594	.....	911
1	Little Beaver	4	1,789	13,228	12,947	.....	.....	2,070
2	East Little Beaver	2	1,114	2,393	2,684	.....	.....	823
2	Marcus Snyder	4	1,147	4,289	.....	4,614	.....	822
2	Melstone	5	2,337	4,464	.....	4,512	.....	2,289
2	Mosser	2	.....	566	.....	566	.....	.....
3	Pennel	7	3,592	20,155	19,393	.....	1,384	2,970
2	Pine	54	16,682	278,233	267,898	.....	8,625	18,392
70	Pondera	316	9,179	58,714	59,323	.....	.....	8,570
69	East Poplar	74	22,263	389,237	367,879	24,063	321	19,237
3	Northwest Poplar	4	2,421	2,208	.....	3,751	.....	878
2	Ragged Point	2	1,012	1,347	.....	599	.....	1,760
....	Rattlesnake Butte	.....	325	.....	.....	.....	.....	325
3	Reagan	42	3,359	18,749	18,914	.....	.....	3,194
1	Repeat	1	.....	5,700	4,770	.....	.....	930
5	Richey	7	2,740	10,041	.....	8,539	395	3,847
....	Rudyard	.....	283	.....	.....	.....	.....	283
5	Soap Creek	15	1,619	18,450	.....	18,613	.....	1,456
1	Southwest Richey	2	1,464	7,042	.....	7,692	.....	814
16	Sumatra	42	11,758	126,873	118,806	3,360	.....	16,465
4	Sweetgrass Hills	4	758	573	.....	537	.....	794
9	Whitlash	19	7,201	12,928	14,337	506	.....	5,286
1	Wibaux	1	664	892	.....	962	.....	594
2	Wolf Springs	4	2,836	20,360	.....	20,314	175	2,707
1	Woodrow	1	804	376	716	.....	.....	464
1	Yellowstone	1	483	530	.....	477	.....	536
830		3,377	296,899	1,786,296	1,640,536	138,128	14,655	289,876

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1955	15,654,426	42,889	15,526,471	42,538
January, 1956	1,705,869	55,028	1,689,037	54,485
February, 1956	1,577,766	54,406	1,569,411	54,118
March, 1956	1,786,296	57,622	1,778,664	57,376

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 31, 1955	298,039	575,486	575,324	1,448,849
January 31, 1956	301,763	567,030	564,486	1,433,279
February 29, 1956	296,899	601,915	482,849	1,381,663
March 31, 1956	289,876	576,594	500,893	1,367,363

*Includes Wyoming Oil

TRANSPORTER'S REPORT
MONTH OF MARCH, 1956

	Storage First of Month	OIL RECEIVED BY Pipeline	Truck	Connecting Carrier	Loss or Gain	OIL SHIPPED TO Montana	Other States	Connecting Carriers	Storage End of Month
ASH CREEK—Trucks			3,000				3,000		
BIG WALL—Trucks	330		21,716			12,352	9,282		412
BORDER—Trucks			1,195			1,195			
BOWES—									
Trigood Oil Company	751	7,501					2,552		5,700
The Texas Company	688	23,329				23,804			213
	1,439	30,830				23,804	2,552		5,913
BRORSON—Sun Oil Company		7,690					7,690		
CABIN CREEK and OTHERS—									
Butte Pipe Line Company	295,459	444,164*		446,776			885,955		300,444
CAT CREEK—									
Continental Pipeline Co.	6,434	10,294			263	11,660			4,805
Wm Hanlon		3,768				3,768			
	6,434	14,062			263	15,428			4,805
CLARK'S FORK—Trucks			6,601			6,601			
CUT BANK—									
Big West Oil Company		5,721				5,721			
Darling Gathering System, Inc.	3,357	23,595				23,476			3,476
Phillips Petroleum Co.	17,039	53,507		2,411	818	26,860		19,346	25,933
The Texas Pipeline Company	108,051	48,647		48,751	228	96,631		8,797	99,793
Toronto Pipeline Company	21,939	57,244			190			56,871	22,122
Union Oil Company	65,257	49,299		33,852	1,296	114,099			33,013
	215,643	238,013		85,014	2,532	266,787		85,014	184,337
DRY CREEK—Ohio Oil Company	9,786	13,220			(62)	15,464			7,604
ELK BASIN—Ohio Oil Company		156,863				111,998	44,865		
FERTILE PRAIRIE—Trucks			3,292				3,292		
FRANNIE—Ohio Oil Company		1,345					1,345		
GAGE—Trucks			419			419			
GLENDIVE, DEER CREEK and WOODROW—									
The Texas Pipeline Company	9,672	60,208			(47)			63,990‡	5,937
IVANHOE—Trucks			2,206			2,206			
KEVIN-SUNBURST—									
Big West Oil Company	2,040	39,189				39,212			2,017
Homestake Oil & Gas Co.	413	4,637				4,592			458
The Texas Pipeline Co.	9,157	39,460		1,822	(109)	41,391			9,157
Anna Aronow	404	1,804						1,822	386
	12,014	85,090		1,822	(109)	85,195		1,822	12,018
LAKE BASIN—Trucks			594			594			
MARCUS SNYDER—Trucks			4,614				4,614		
MELSTONE—Trucks	1,334		4,512			3,415			2,431
MOSSER—Trucks			566				566		
PONDERA—									
Phillips Petroleum Co.	1,786	59,319			(865)	58,293			3,677
POPLAR and BREDETTE—									
East Poplar Gathering System	16,860	384,950			(986)			382,786‡	20,010
Trucks			27,814				27,814		
	16,860	384,950	27,814		(986)		27,814	382,786	20,010
RAGGED POINT—Trucks	1,083		599		135	599			948
REAGAN—Union Oil Company		18,914				18,914			
RICHEY—Trucks			8,539			8,539			
SOAP CREEK—Trucks			18,613				18,613		
SOUTHWEST RICHEY—Trucks			7,692			7,692			
SUMATRA—									
Powder River Pipe Line Co.	24,624	118,806			594	118,991			23,845
Trucks			3,360				3,360		
	24,624	118,806	3,360		594	118,991	3,360		23,845
SWEETGRASS HILLS—Trucks			537			537			
WHITLASH—									
Homestake Oil & Gas Company	3,415	1,558		13,082		15,805			2,250
Western Natural Gas Company	942	12,779						13,082	639
Trucks			506			506			
	4,357	14,337	506	13,082		16,311		13,082	2,889
WIBAUX—Trucks			962				962		
WOLF SPRINGS—Trucks	1,094		20,314			20,084			1,324
YELLOWSTONE—Trucks			477			477			
TOTALS	601,915	1,647,811	138,128	546,694	1,455	795,895	1,013,910	546,694	576,594

* Cabin Creek, Cupton, Gas City, Little Beaver, East Little Beaver, Pennel, Pine and Repeat Fields
‡ Transferred to Butte Pipe Line Company

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF MARCH, 1956

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil Pet. Co.	The Texas Co.	Union Oil Co.	Total by Fields
Big Wall	.....	.....	.....	.....	11,462	.....	.....	.....	.....	11,462
Border	.....	.....	.....	.....	.....	.....	.....	621	.....	621
Bowes	.....	.....	.....	20,174	.....	.....	.....	.....	.....	20,174
Cat Creek	.....	.....	11,621	.....	.....	4,105	.....	.....	.....	15,726
Clark's Fork	.....	.....	.....	.....	6,747	.....	.....	.....	.....	6,747
Cut Bank	25,237	.....	.....	.....	.....	.....	27,160	79,962	111,290	243,649
Dry Creek	.....	.....	.....	.....	14,957	.....	.....	.....	.....	14,957
Elk Basin	.....	77,476	34,522	.....	.....	.....	.....	.....	.....	111,998
Gage	.....	.....	.....	.....	419	.....	.....	.....	.....	419
Ivanhoe	.....	.....	.....	.....	2,499	.....	.....	.....	.....	2,499
Kevin-Sunburst	28,811	.....	.....	.....	.....	.....	.....	33,499	.....	62,310
Melstone	.....	.....	.....	.....	.....	4,642	.....	.....	.....	4,642
Mosser	.....	.....	.....	.....	566	.....	.....	.....	.....	566
Pondera	.....	.....	.....	.....	.....	.....	57,027	.....	.....	57,027
Ragged Point	.....	.....	.....	.....	599	.....	.....	.....	.....	599
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	18,914	18,914
Richey	.....	.....	.....	.....	.....	.....	.....	6,158	.....	6,158
Sumatra	.....	.....	882	.....	108,713	.....	.....	.....	.....	109,595
Sweetgrass Hills	490	.....	.....	.....	.....	.....	.....	.....	.....	490
Whitlash	.....	.....	.....	.....	.....	.....	.....	6,539	506	7,045
Wolf Springs	.....	22,495	.....	.....	.....	.....	.....	.....	.....	22,495
Yellowstone	.....	.....	.....	.....	477	.....	.....	.....	.....	477
Total Montana Oil	54,538	99,971	47,025	20,174	146,439	8,747	84,187	126,779	130,710	718,570
Canadian Oil Imported	.....	.....	.....	1,158	.....	.....	.....	.....	.....	1,158
Wyoming Oil Imported	.....	690,755	279,478	.....	296,254	1,280	.....	.....	.....	1,267,767
TOTAL Montana, Canadian and Wyoming Oil	54,538	790,726	326,503	21,332	442,693	10,027	84,187	126,779	130,710	1,987,495

AVERAGE BARRELS PER DAY

	Montana	Canada	South Dakota	Wyoming	TOTAL
Year 1955	27,008	....	35	30,714	57,757
March 1955	26,563	....	67	30,117	56,747
March 1956	23,179	37	....	40,896	64,112

PERCENTAGE OF CRUDE REFINED

	Montana	Canada	South Dakota	Wyoming
Year 1955	46.76%	.....	.06%	53.18%
March 1955	46.81%	.....	.11%	53.08%
March 1956	36.16%	.06%	.....	63.78%